

Patent Abstracts of Japan

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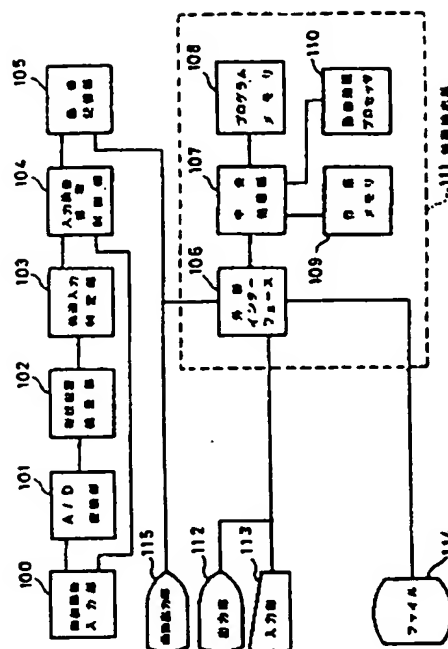
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TITLE : FEATURE EXTRACTING DEVICE



ABSTRACT : PURPOSE: To make a device simple and low-cost by automatically detecting position coordinates of minutiae, pattern directions, relations, and classifications of minutiae on the fingerprint from a finger of a living body to store them in a minutiae list after confirming that the automatically picked fingerprint is not forged fingerprint.

CONSTITUTION: A fingerprint set checking part 102 detects the change of the variable density value of picture elements in a prescribed position of the picture repeatedly taken in from an ITV (industrial television) to detect that setting of fingerprint is completed. A forgery input discriminating part 103 compares the variable density value of picture elements in the prescribed position of the picture taken in within a certain time at the time of reception of the detection result output and after this time with a stored variable density value to discriminate whether a normal fingerprint is inputted or not. When the variable density value of picture elements in the prescribed position or another position after discrimination of input of a normal fingerprint picture exceeds a threshold value, an input picture picking control part 104 picks the input picture and stores it in a picture storage part 105. Thus, the device is made simple and low-cost.

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